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| --- | --- | --- | --- |
| **Incident Name:**  SRF Lightning Complex  (CA-SRF-986) | **IR Interpreter(s):**  Jennifer Frazer (Q)  [Jennifer.frazer@usda.gov](mailto:Jennifer.frazer@usda.gov)  & Melanie Hans | **Local Dispatch Phone:**  CA NCIC (707-441-3644) | **Interpreted Size:**  17,652 IR Acres  **Growth last period:**  925 IR Acres  \*Not Offical Incident Acres |
| **Flight Time:**  0014 - 0159 PDT  **Flight Date:**  09/04/2023 | **Interpreter(s) location:**  White Sulphur Springs, MT  **Interpreter(s) Phone:**  (cell/text) 203-695-1207 | **GACC IR Liaison:**  Kyle Felker  **GACC IR Liaison Phone:**  530-251-6112 | **National Coordinator:**  Kat Sorenson  **National Coord. Phone:**  406.499.2701 |
| **Ordered By:**  Joshua Bivans (SITL) | **A Number:**  A-107 | **Aircraft/Scanner System:**  N350SM/Tenax | **Pilots/Techs:**  / Wren |
| **IRIN Comments on imagery:**  Clear, orthorectification issues on several scans, most likely from clouds in the imagery. | | **Weather at time of flight:**  Some Scans cloudy, see notes below. | **Flight Objective:**  Heat Perimeter Detection /  Categorizing Heat Intensity |
| **Date and Time Imagery Received by Interpreter:**  09/04/2023 @ 0200-0330 PDT | | **Type of media for final product:**  Geodatabase, Shapefiles, KMZ, PDF Maps and IRIN Log  **Digital files sent to:** NIFS and [ftp.wildfire.gov/public/ incident\_specific\_data/](ftp://ftp.wildfire.gov/public/%20incident_specific_data/)calif\_n/!2023\_Federal\_Incidents/CA-SRF-986\_SRF\_Lightning\_Complex/IR/NIROPS | |
| **Date and Time Products Delivered to Incident:**  09/04/2023 @ 0530PDT NIFS (maps and nifs, except bluff and mosquito), 0610 everything in nifs/ftp maps complete, 0645 log/data | |
| **Comments /notes on tonight’s mission and this interpretation:**  Started tonight’s interpretation with the NIFS Event polygon @2400.   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Fire Name** | **Time of Imagery Capture** | **General Heat Interpretation**  **Description** | **Acres (in NIFS)** | **Interpreted**  **Acres** | **Growth in Acres** | | Big Foot | PDT | **NO HEAT observed** | 0.8 | 0.8 | 0 | | Big Hill #2 |  | UTF Due to Weather | 100 | 100 | 0 | | Blue Creek |  | **Not in Scan Order** | 0.1 | 0.1 | 0 | | Blue Creek 2 | 2127 PDT | Growth observed | 2,899 | 2,986 | 87 | | Bluff #1 | 2137 PDT | Growth observed. | 1,993 | 2,033 | 40 | | Bridge Ridge | 2103 PDT | UTF Due to Weather | 17 | 17 | 0 | | Copper | 2127 PDT | Growth observed. | 620 | 792 | 172 | | Creek |  | **Not in Scan Order** | 8 | 8 | 8 | | Devil | 2103 PDT | UTF Due to Weather | 12 | 12 | 0 | | Flat |  | **Not in Scan Order** | 2 | 2 | 0 | | Glen |  | **Not in Scan Order** | 0.5 | 0.5 | 0 | | Iron | 2209 PDT | 1 heat source | 20 | 20 | 0 | | Let er-Buck | 2219 PDT | Active, No Growth Observed | 74 | 74 | 0 | | Lone Pine | 2134 PDT | UTF Due to Weather | 1,685 | 1,685 | 0 | | Lost | 2100 PDT | UTF Due to Weather | 722 | 722 | 0 | | MARLOW | 2131 PDT | Growth E and S Flank | 1,491 | 1,540 | 49 | | Merrill |  | **Not in Scan Order** | 2 | 2 | 0 | | Monument |  | **Not in Scan Order** | 2 | 2 | 0 | | Mosquito | 2127 PDT | Growth observed. | 2,447 | 2,557 | 110 | | Pearch | 2202 PDT | Growth observed. | 4,632 | 5,099 | 467 | | **TOTALS** |  |  | **16,727** | **17,652** | **925** |   **FOG seen in drainage bottom, some images and parts of them had haze and patches of clouds.**  **All heat representative of what was seen in the images. It is very possible that not all isolated heats within and outside the perimeter where apparent in the images.**  May had orthorectification issues which were mitigated by interpreters.  **Blue Creek 2 / Marlow / Copper** Fog in the drainage bottoms observed, dulling heat signature between Marlow and Blue Creek 2. Marlow and Blue Creek 2 are a little less that 0.4 mile apart. Copper Heat perimeter as continued to pace moved farther down and up copper creek. It is 0.3 mile from Blue Creek 2.  **Bluff #1** Long finger of heat following the road on the west curving down had connected with the long line to heat along a road to the SW. Heat mapped on the southeast has stopped on the road.  **Iron**  1 Heat Source inside heat perimeter.  **Let er-Buck** Heat was seen through the clouds. Heat mapped as seen.  **Mosquito** Small growth on all sides. Isolated heat perimeter on south had not advanced furth south, nor crested the top of the butte.  **Pearch** Growth only on east, north and western flanks. Few isolated heats mapped on east flank. | | | |

**SCAN BOXES NOTES**

NIFS Feature Service has outlines of the area scanned. This may help the SITL verify new reports which come in and if they will be covered in existing scans.

*Last night of shift for Jennifer Frazer and Melanie Hans. It was a pleasure to serve you.*